

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-027886**Date Inspected:** 30-Jun-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1700**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Jobsite**CWI Name:** NA**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** TOWER LOC: C**Summary of Items Observed:**

On this date, Quality Assurance Inspector (QAI) Robert A. DeArmond was present at the San Francisco Oakland bay Bridge job site at Yerba Buena Island to observe and perform Non-Destructive testing for the San Francisco Oakland Bay Bridge (SFOBB) project. This Quality Assurance Inspector (QAI) observed the following work performed by American Bridge/Fluor Enterprises (AB/F) personnel at the locations noted below:

Ultrasonic Testing

Tower ESW-S-044 Location "C" (Y=140~2000 and 6000~9850)

This QAI performed Ultrasonic Testing (UT), in tandem with ABF QC inspector Mr. Scott Kortum, on the Tower Complete Joint Penetration (CJP) butt joint shear plate connection designated as 60/70 TR ESW-S-044- Face B. During the QA/QC tandem Ultrasonic Testing, scanning was performed for longitudinal planar indications and transverse; in accordance with supplemental procedure SE-UT-D1.5-CT-108-ESW-R6.

The UT inspection was performed using 70 degree shear wave from face B. Any indications discovered did not have a rating that qualifies as rejectable or recordable according to AWS D1.5 2002 and supplemental procedure SE-UT-D1.5-CT-108-ESW-R6 .

In addition, this QAI did not observe any transverse indications from Y=140~2000 and 6000~9850 (face B) at the time of inspection

Summary of Conversations:

As mentioned above between QA and QC concerning this project

Comments

WELDING INSPECTION REPORT

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This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy 510 385 5910, who represents the Office of Structural Materials for your project.

Inspected By:	DeArmond,Robert	Quality Assurance Inspector
Reviewed By:	Levell,Bill	QA Reviewer
